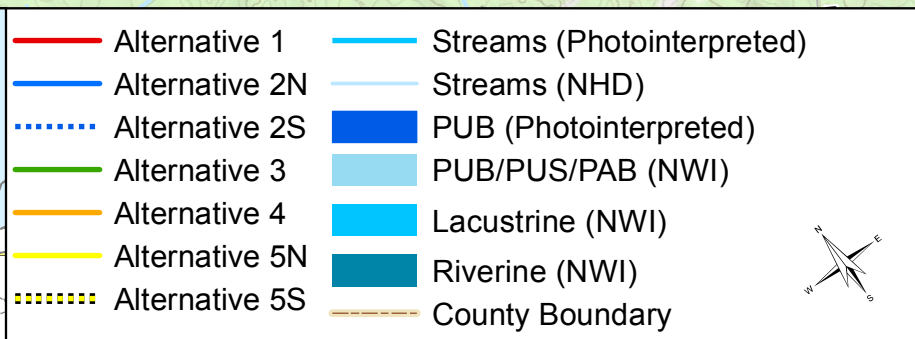
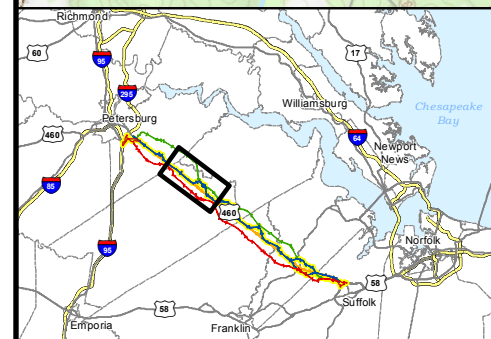


Copyright:© 2013 National Geograp<sup>l</sup>



**Virginia Department of Transportation**

U.S. Route 460 Corridor Improvements Project

State Project No. 0460-969-703, P101; UPC: 100432

Prince George County, Sussex County, Surry County,  
Southampton County, Isle of Wight County, and City of Suffolk, Virginia

0 0.5 1 1.5 2 2.5 Miles

0 4,000 8,000 Feet

1 Inch = 4,002.5 Feet (11x17)

## Figure 3.4-7, Sheet 2 of 5:

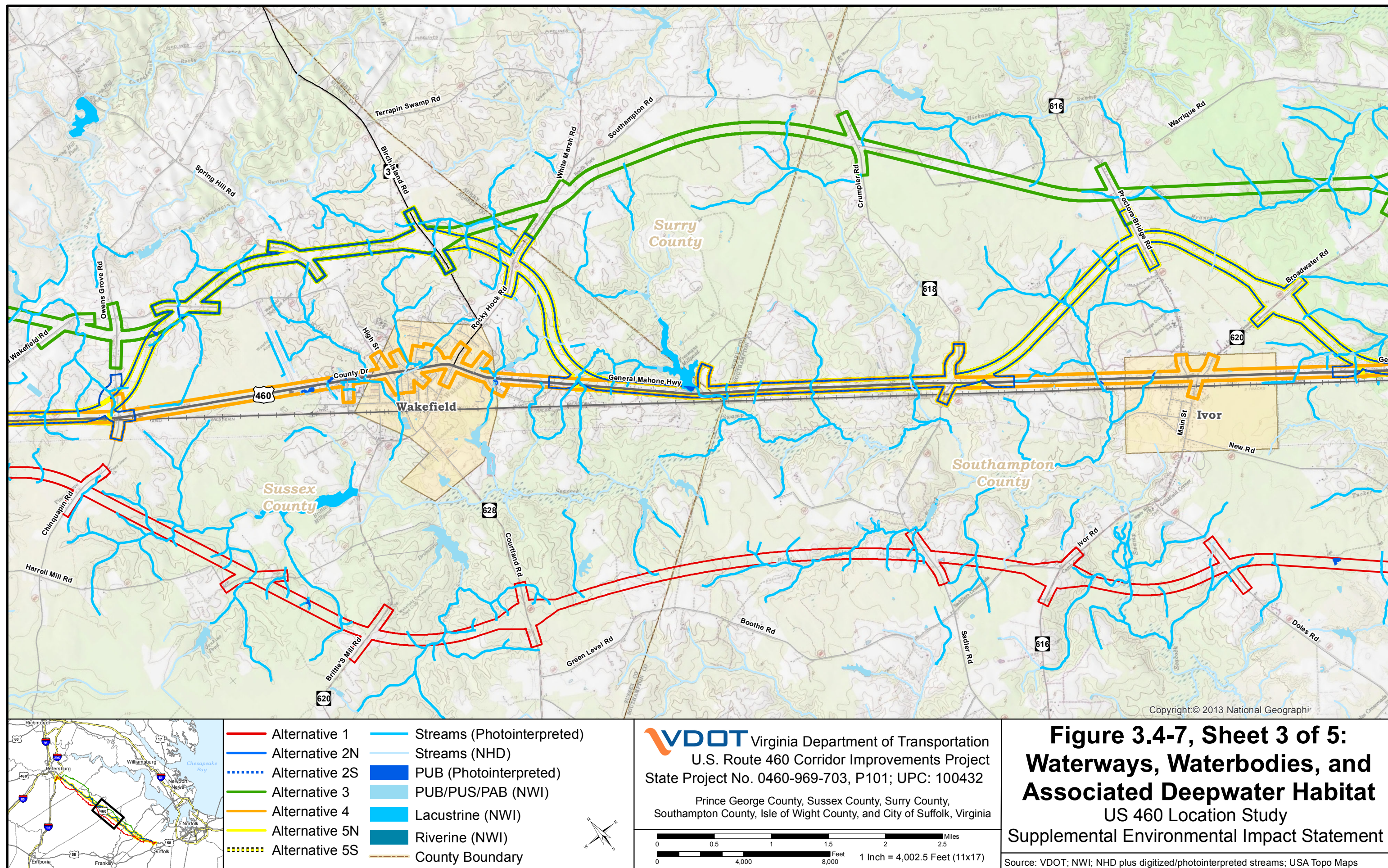
# Waterways, Waterbodies, and Associated Deepwater Habitat

### US 460 Location Study

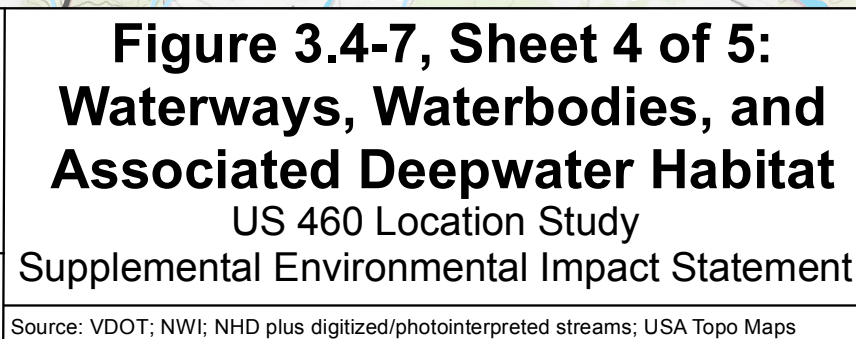
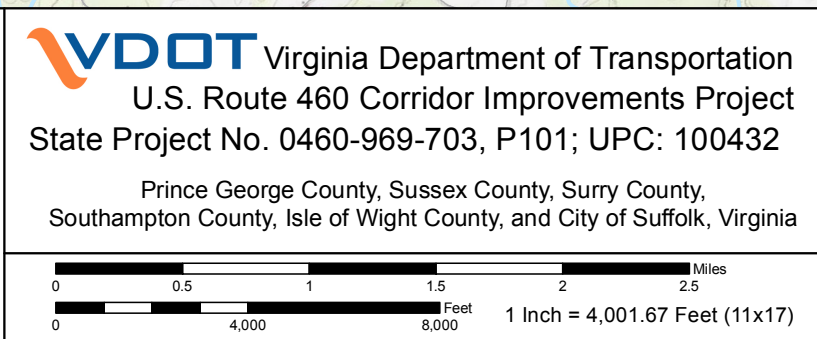
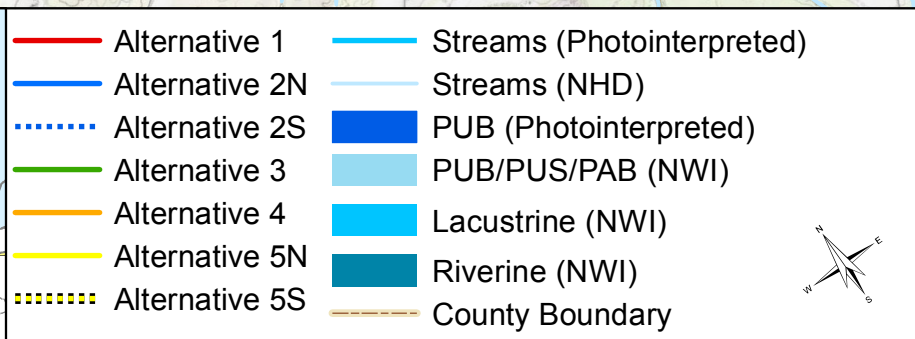
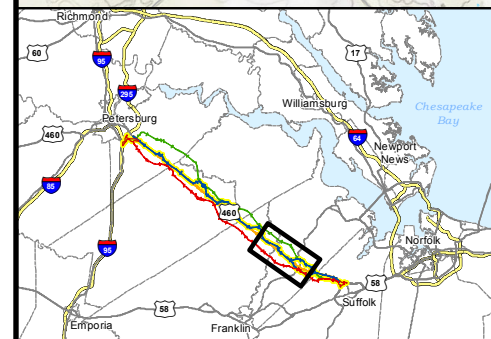
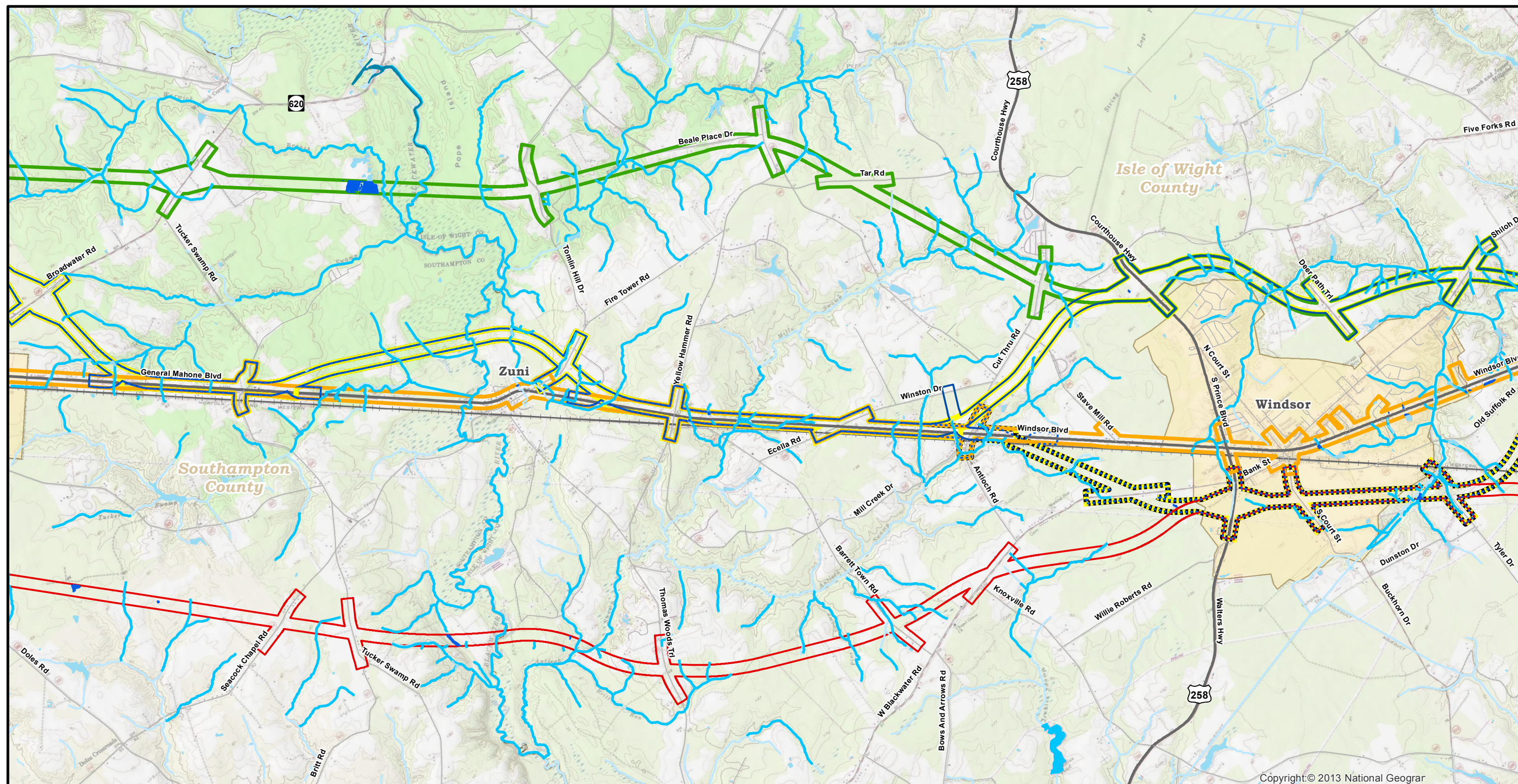
## Supplemental Environmental Impact Statement

Source: VDOT; NWI; NHD plus digitized/photointerpreted streams; USA Topo Maps

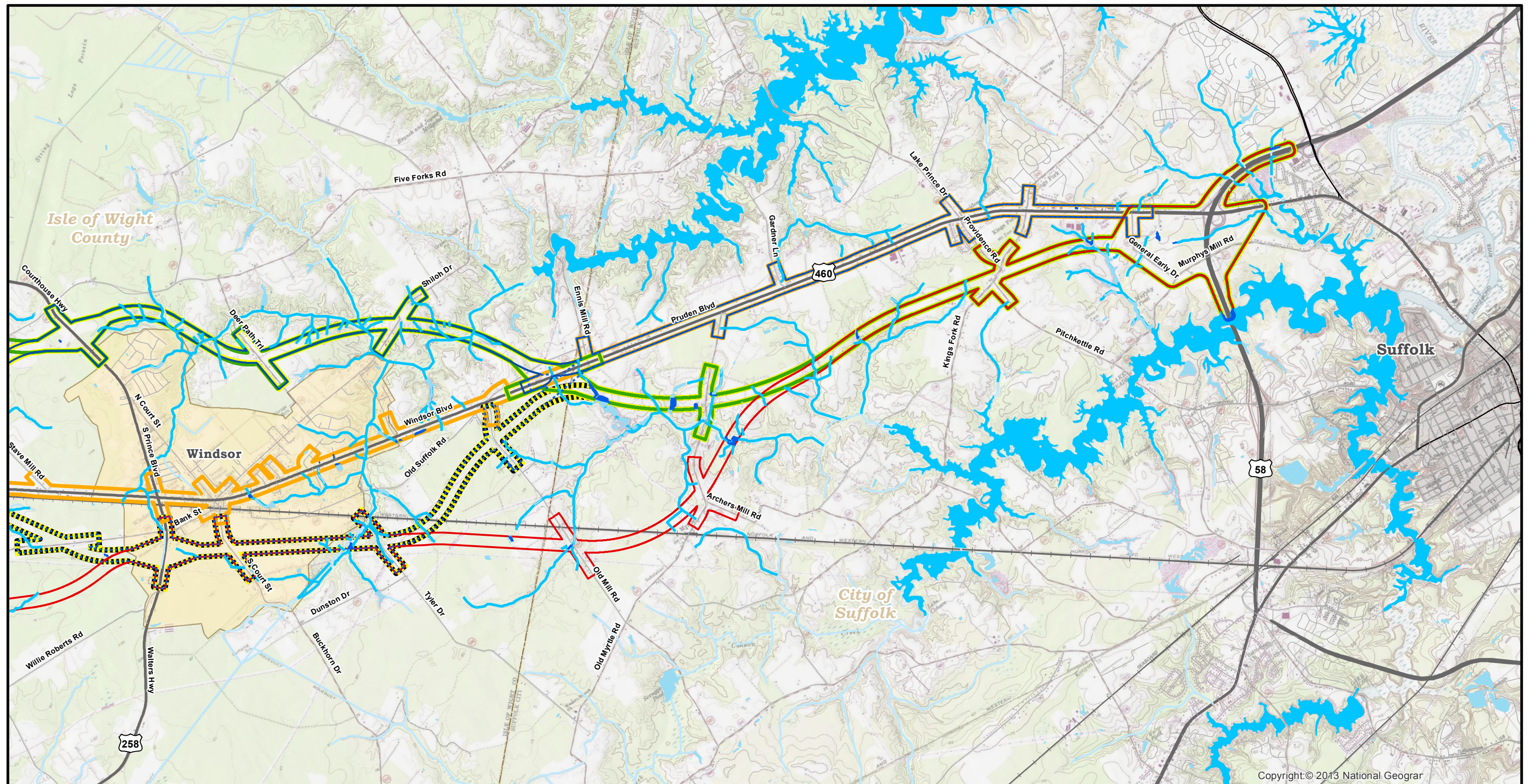




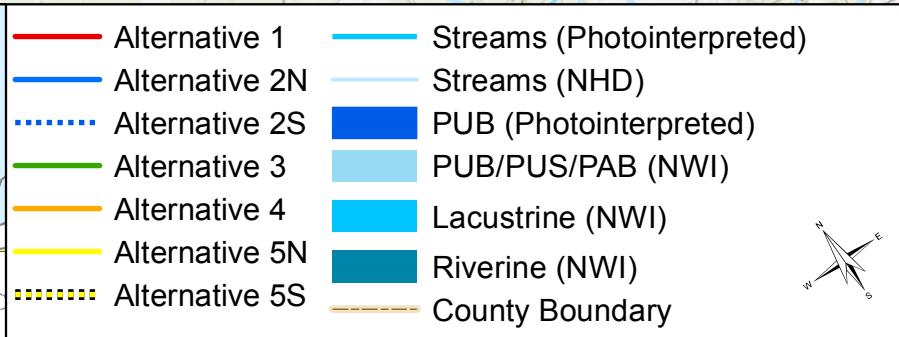
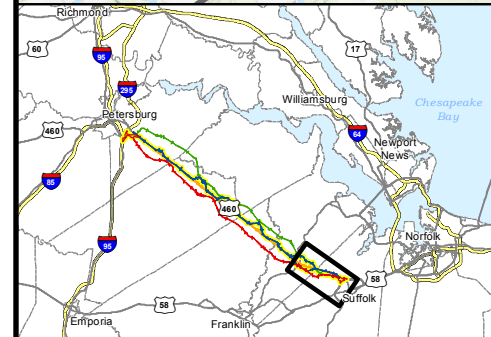








Copyright © 2013 National Geograr



Virginia Department of Transportation  
U.S. Route 460 Corridor Improvements Project  
State Project No. 0460-969-703, P101; UPC: 100432

Prince George County, Sussex County, Surry County,  
Southampton County, Isle of Wight County, and City of Suffolk, Virginia

1 Inch = 4,001.67 Feet (11x17)

## Figure 3.4-7, Sheet 5 of 5:

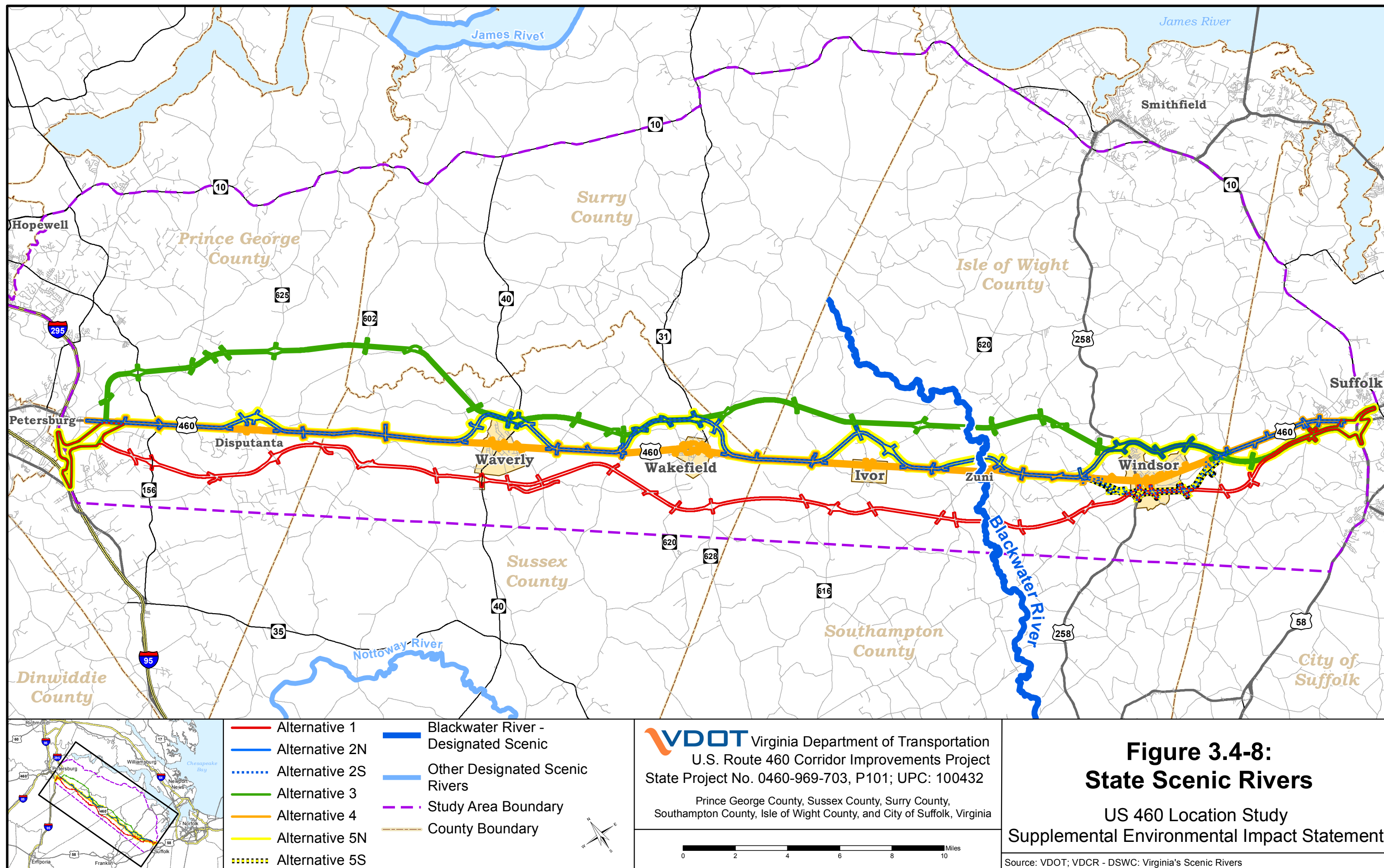
# Waterways, Waterbodies, and Associated Deepwater Habitat

### US 460 Location Study

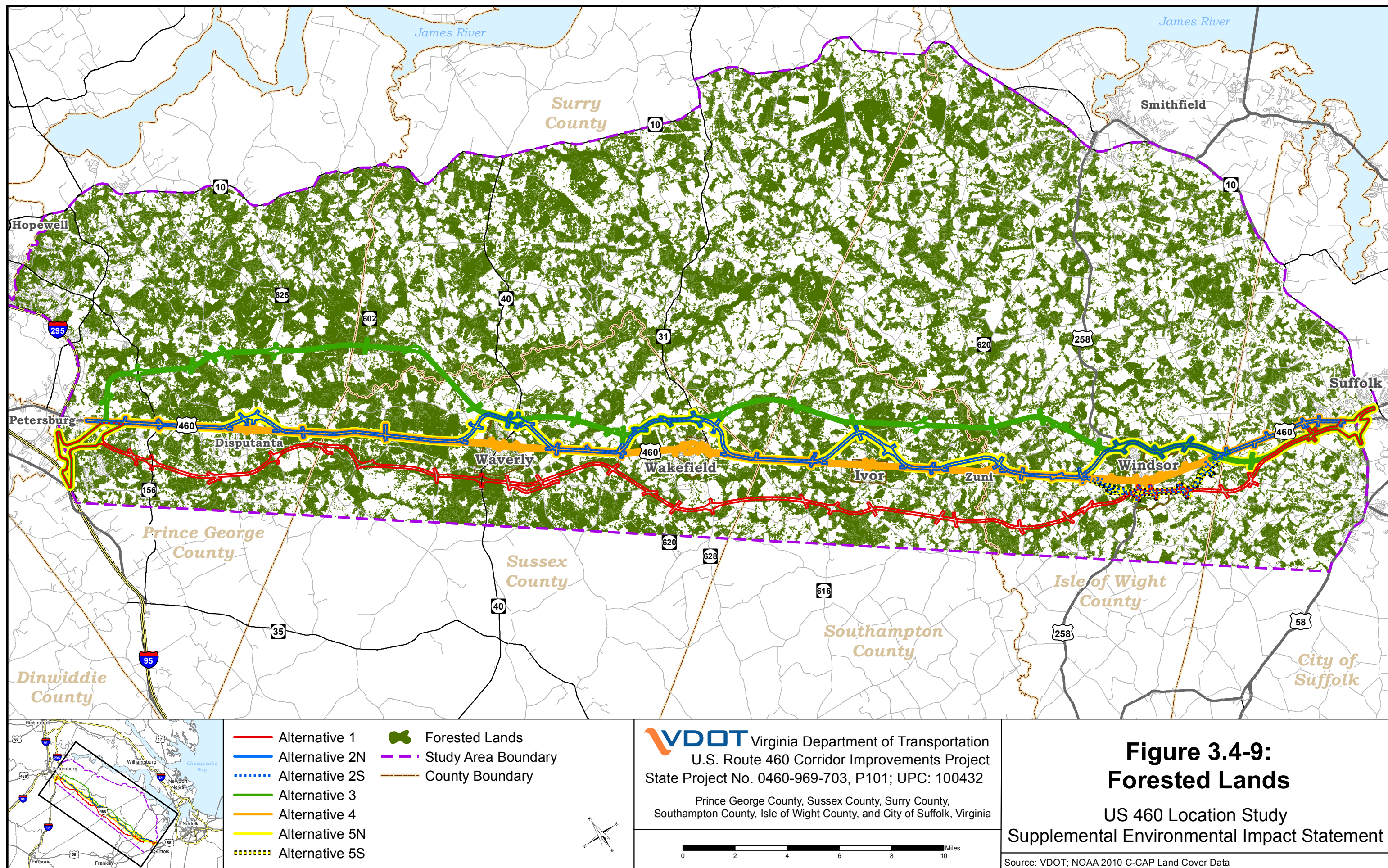
## Supplemental Environmental Impact Statement

Source: VDOT; NWI; NHD plus digitized/photointerpreted streams; USA Topo Maps

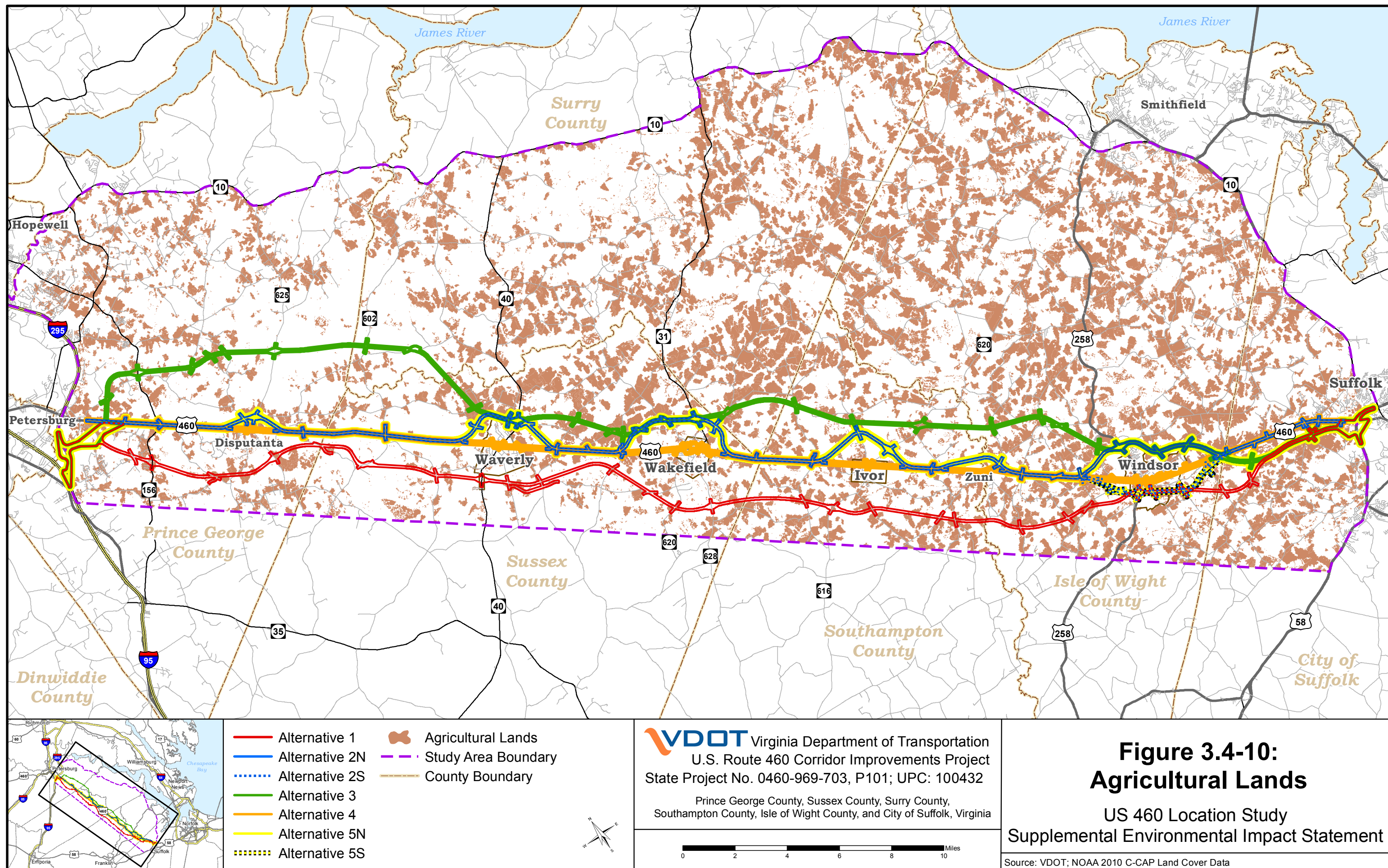




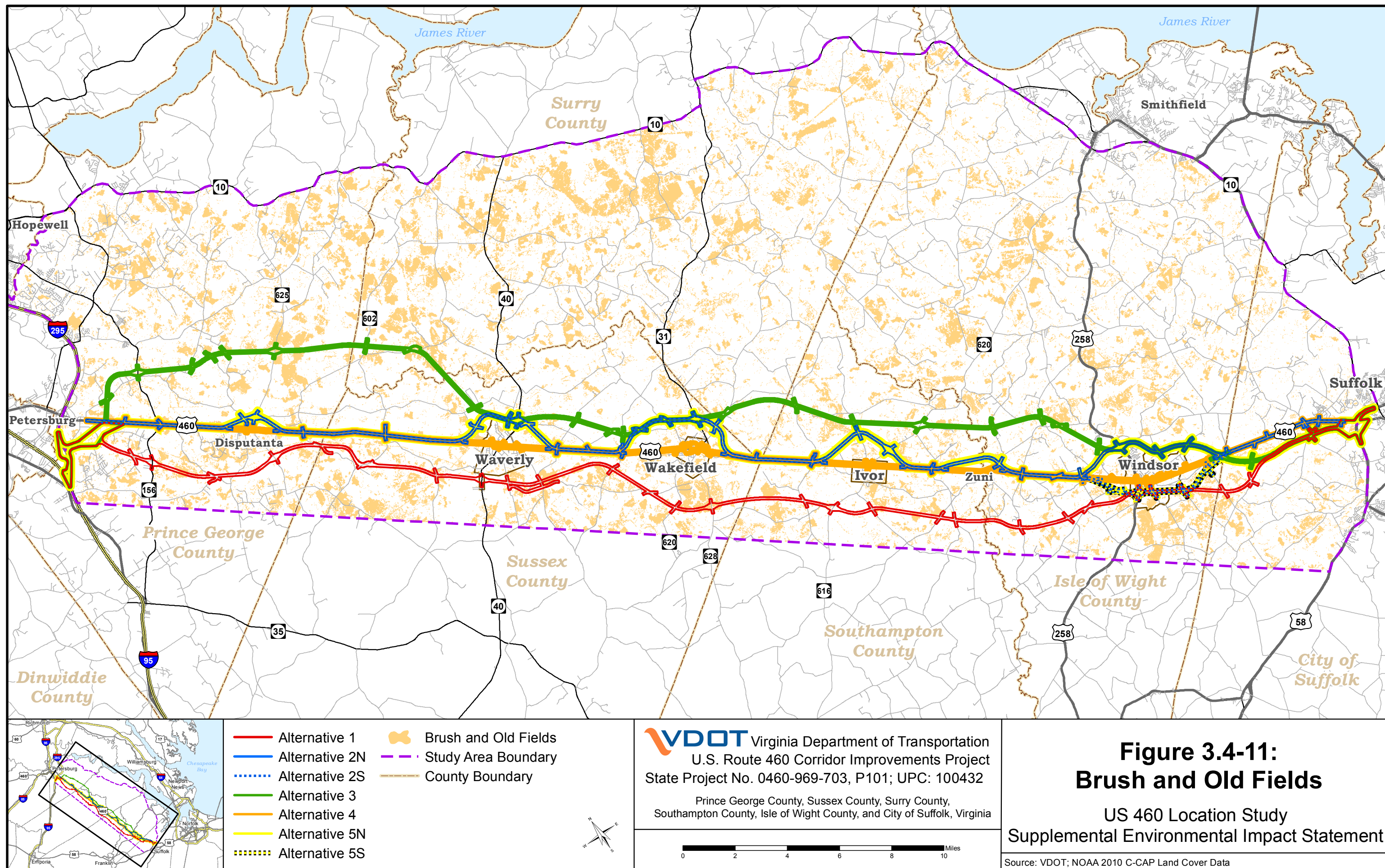




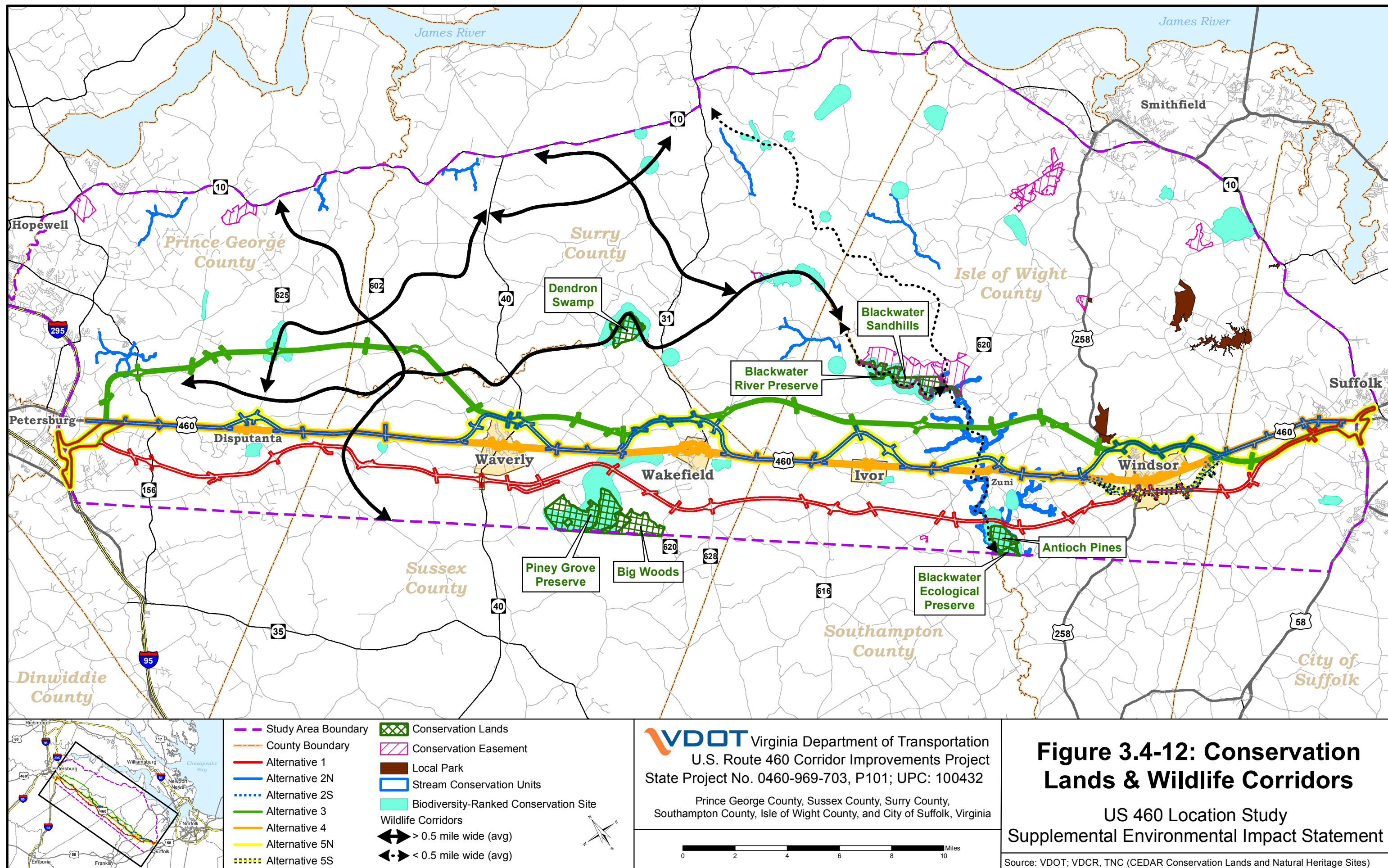




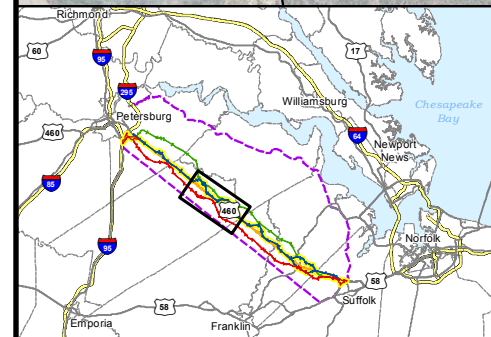
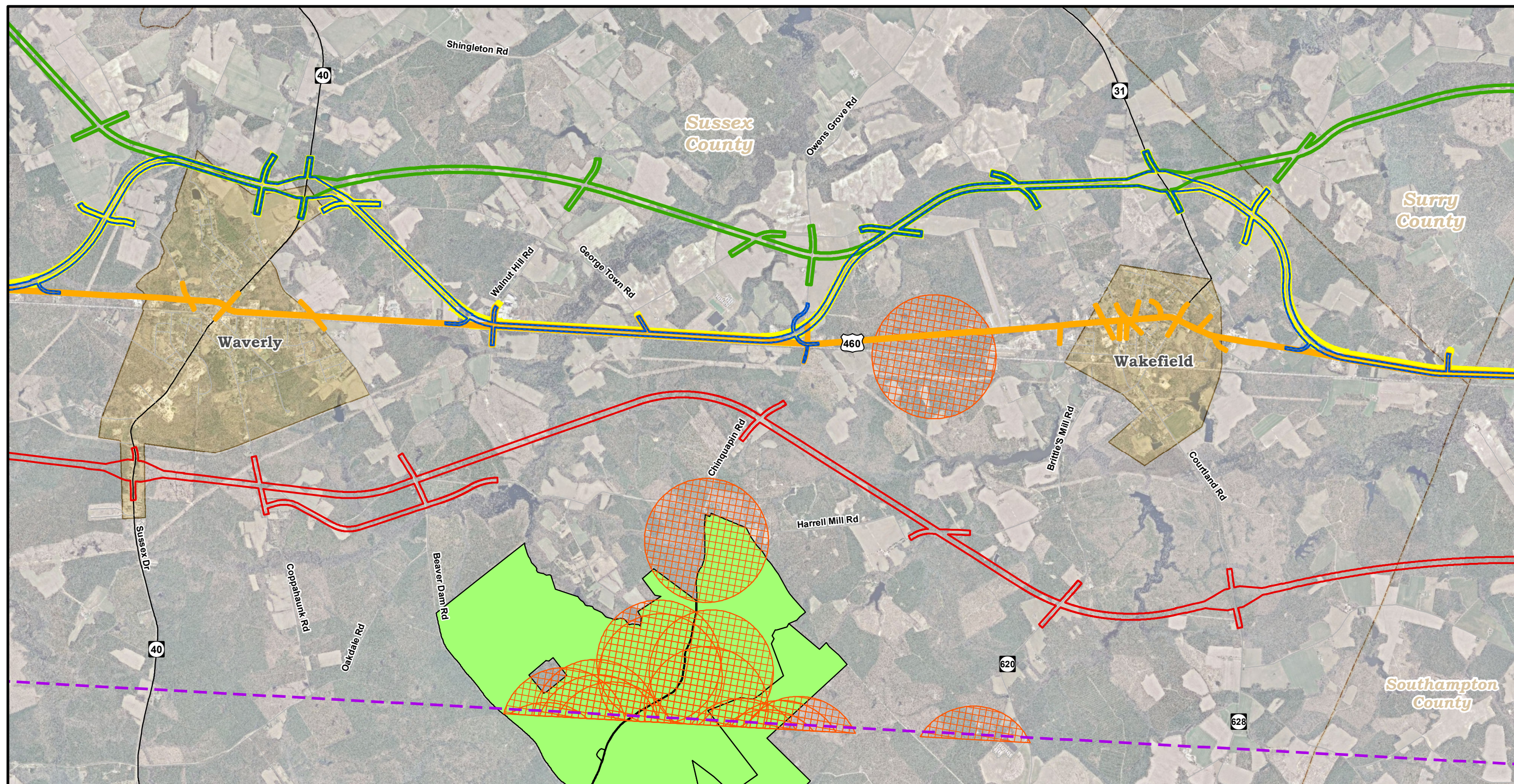












- Alternative 1 Design
  - Alternative 2N Design
  - - - Alternative 2S Design
  - Alternative 3 Design
  - Alternative 4 Design
  - Alternative 5N Design
  - - - Alternative 5S Design
  - ▨ Red-Cockaded Woodpecker Habitat
  - Piney Grove Preserve
  - - - Study Area Boundary
  - County Boundary
- Imagery: VGIN VBMP  
2013 True Color

**VDOT** Virginia Department of Transportation  
 U.S. Route 460 Corridor Improvements Project  
 State Project No. 0460-969-703, P101; UPC: 100432

Prince George County, Sussex County, Surry County,  
 Southampton County, Isle of Wight County, and City of Suffolk, Virginia

0 0.5 1 1.5 2 2.5 Miles

0 4,000 8,000 Feet

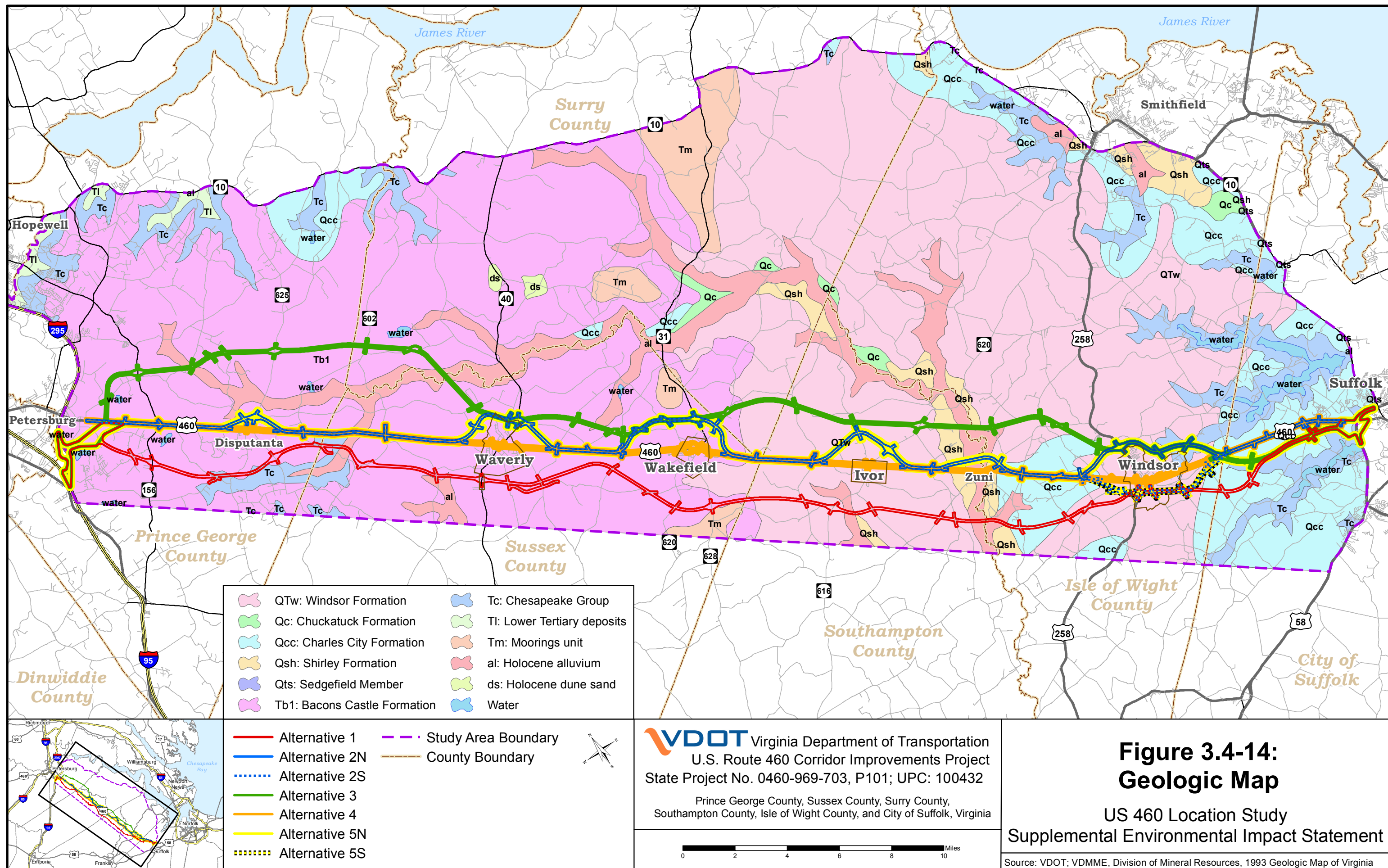
1 Inch = 4,000 Feet (11x17)

**Figure 3.4-13: Red-Cockaded Woodpecker Habitat**

US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: TNC, VDGIF Scientific Collections, TE & Salvage permit data (CEDAR TE Species)









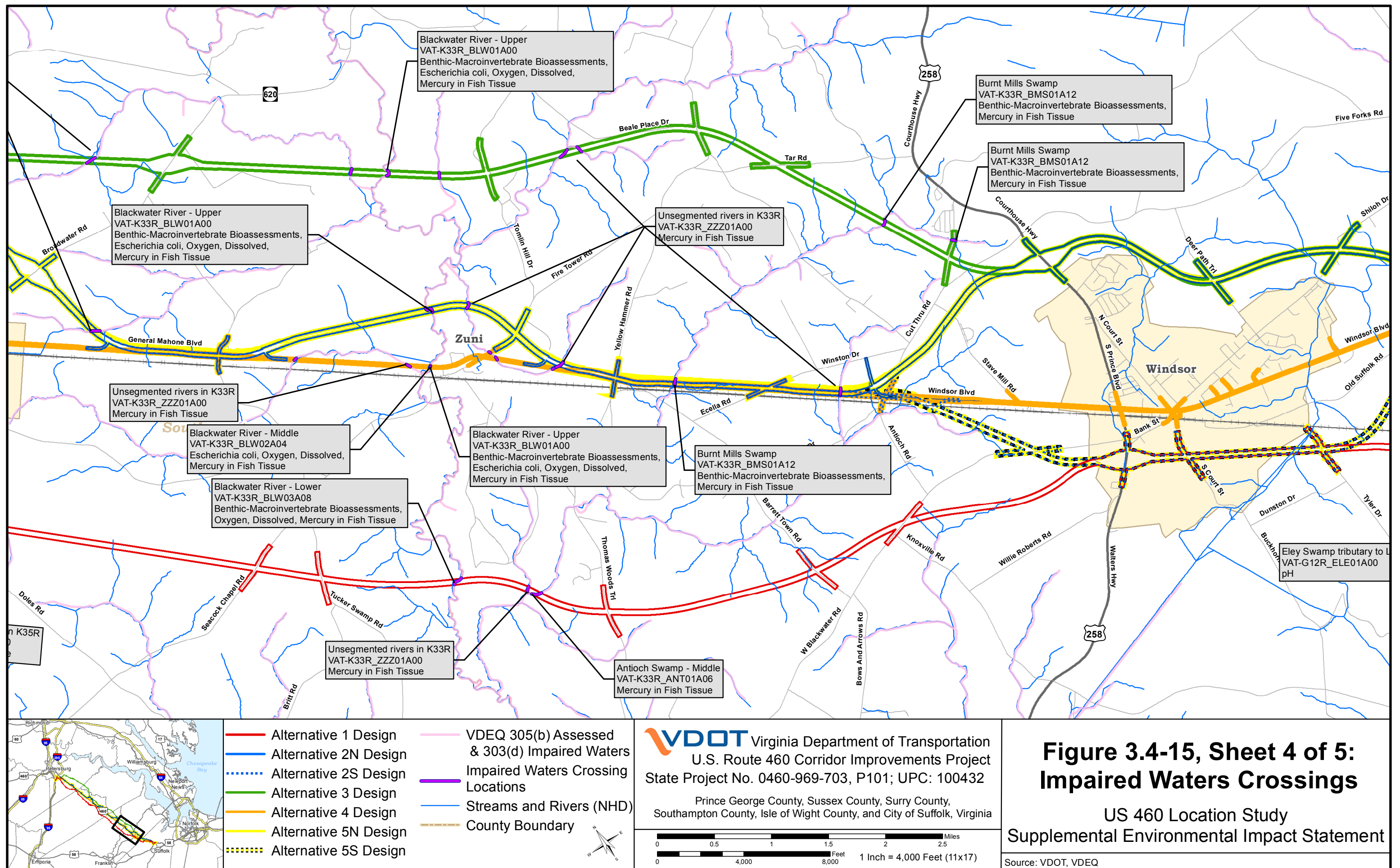












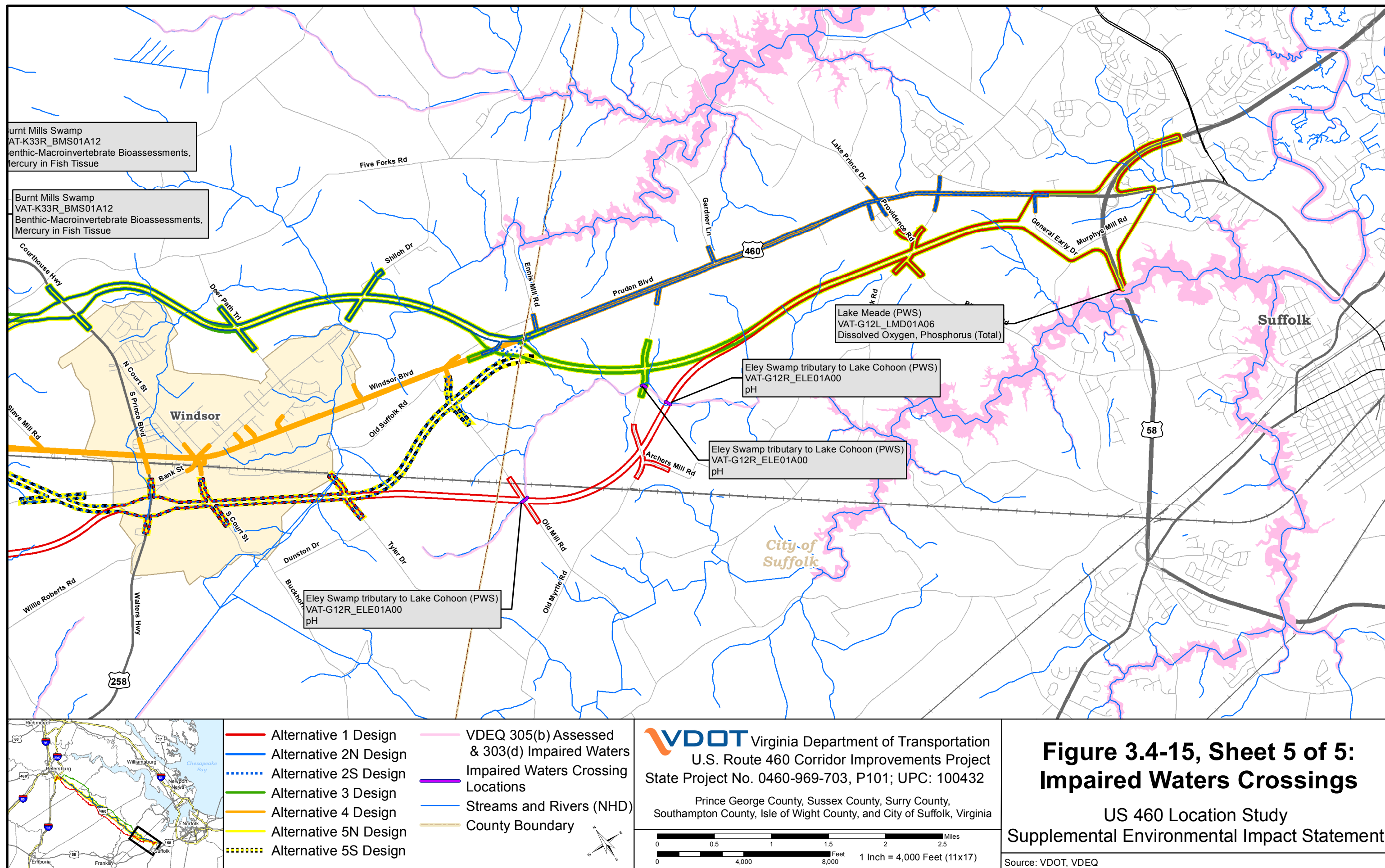
**VDOT** Virginia Department of Transportation  
 U.S. Route 460 Corridor Improvements Project  
 State Project No. 0460-969-703, P101; UPC: 100432  
 Prince George County, Sussex County, Surry County,  
 Southampton County, Isle of Wight County, and City of Suffolk, Virginia

**Figure 3.4-15, Sheet 4 of 5:  
 Impaired Waters Crossings**

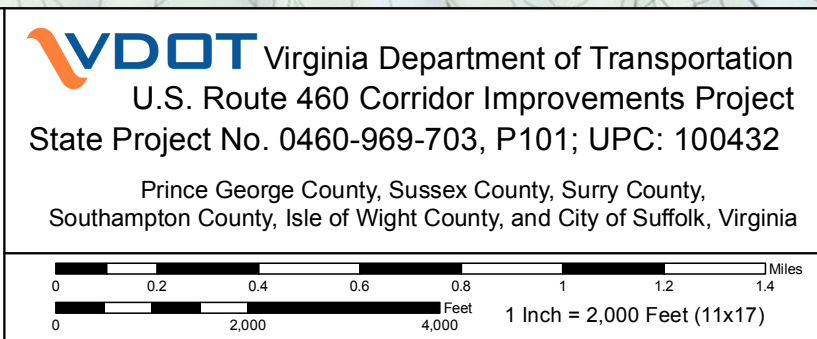
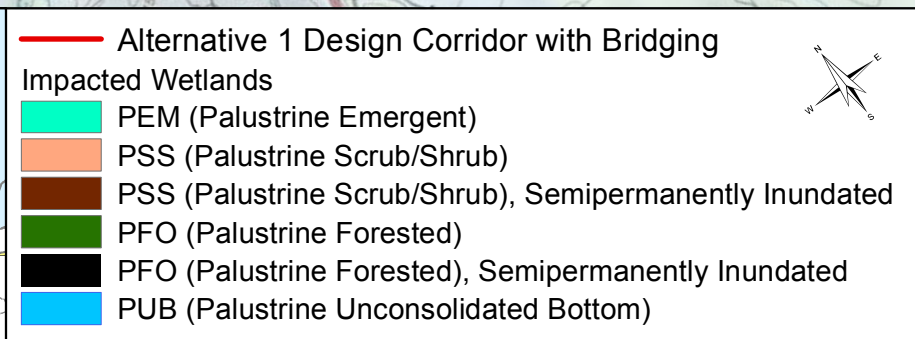
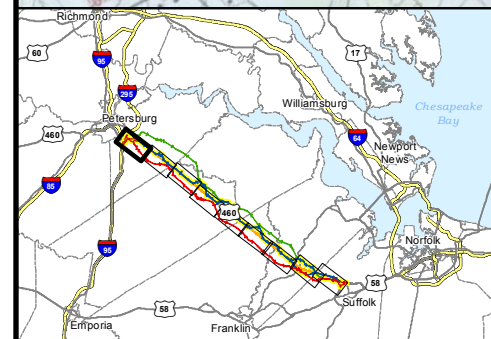
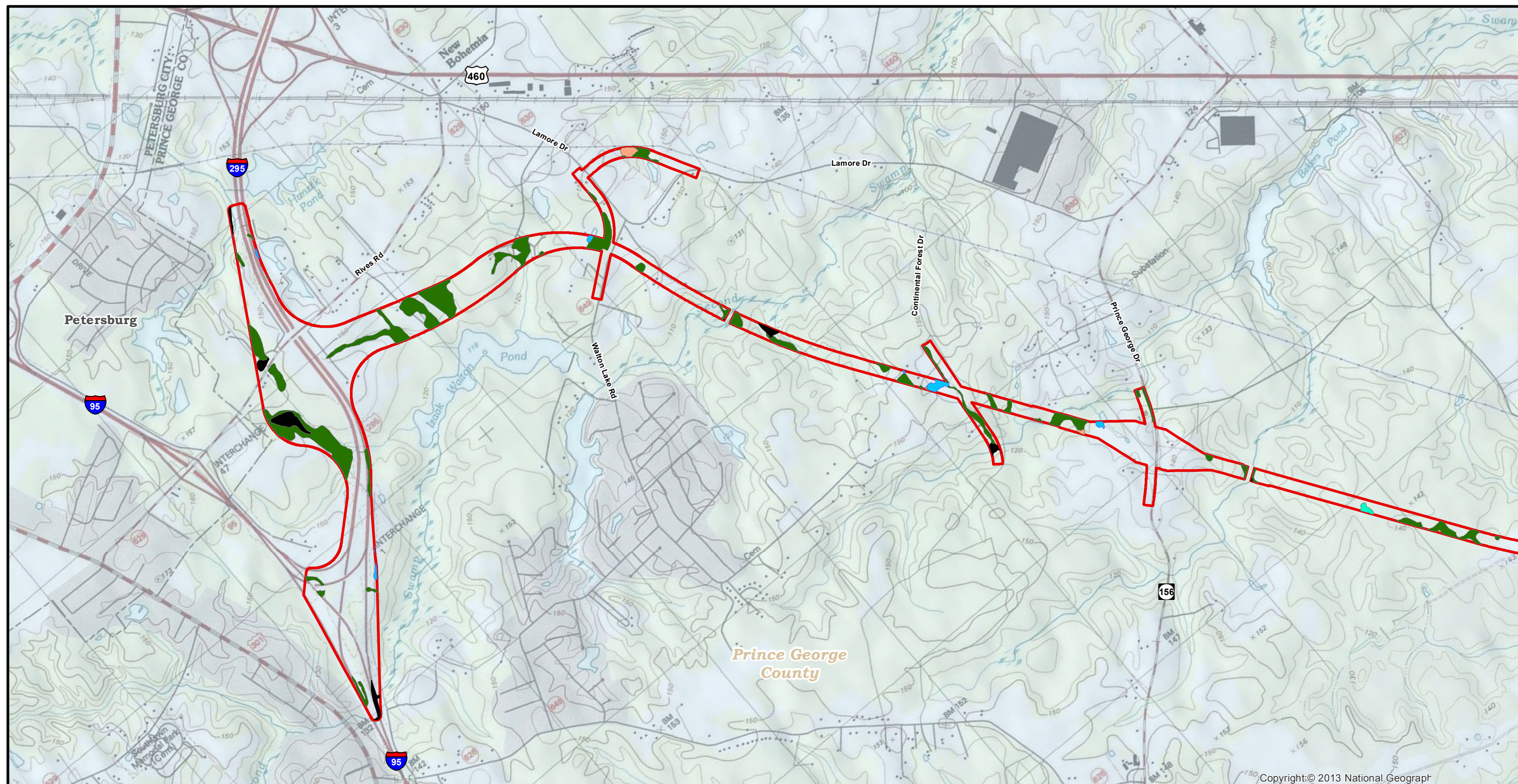
US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: VDOT, VDEQ





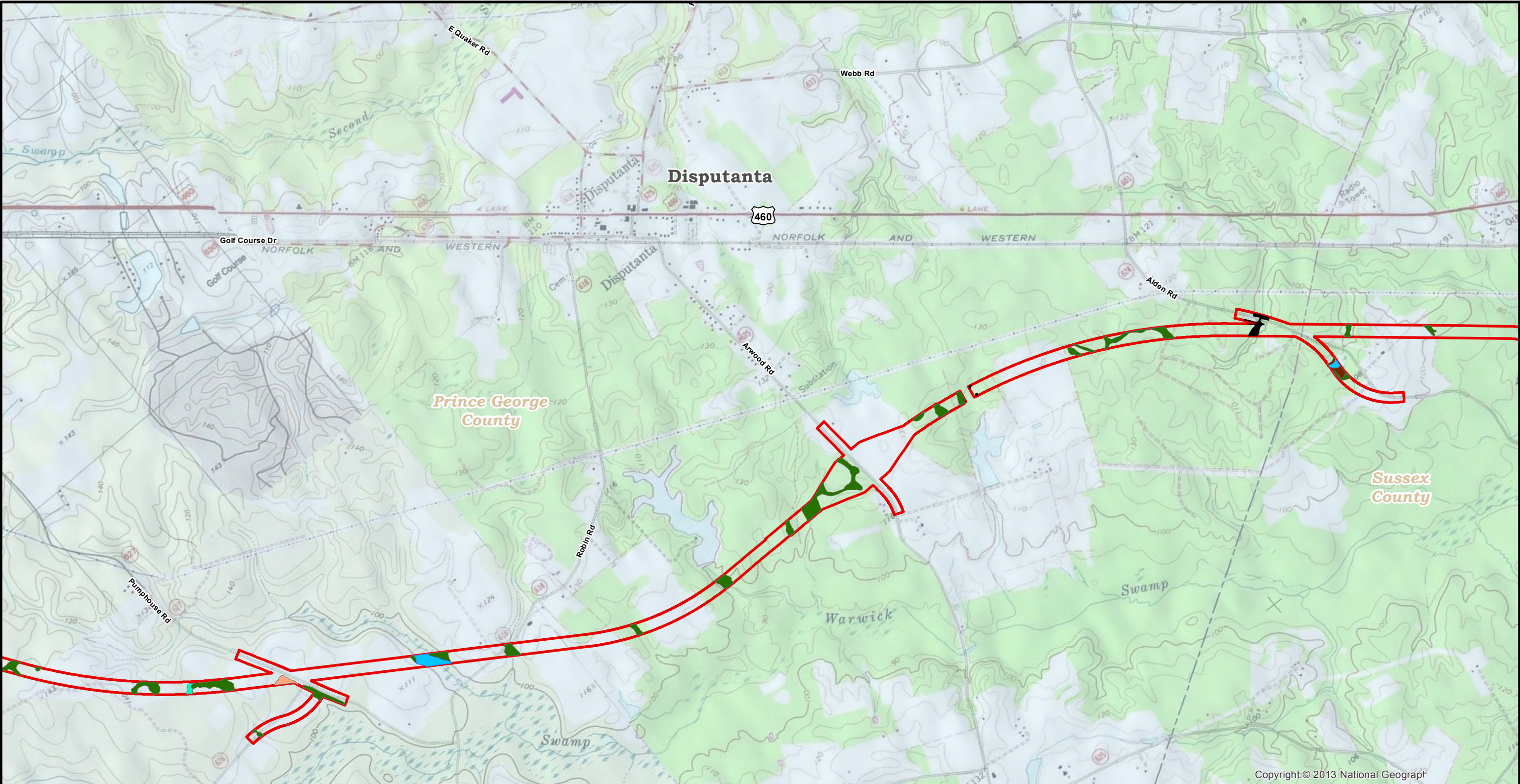




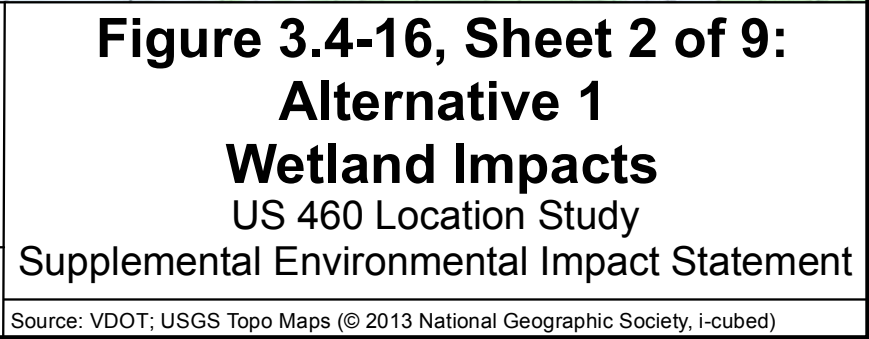
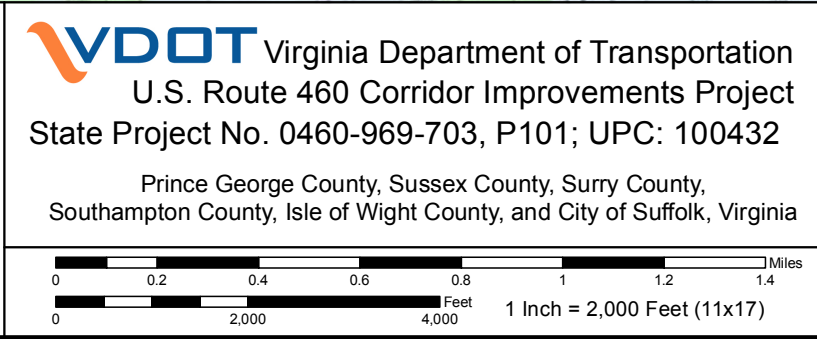
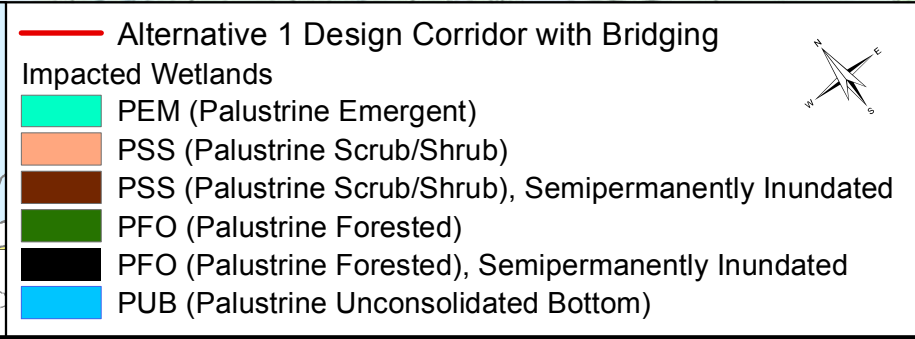
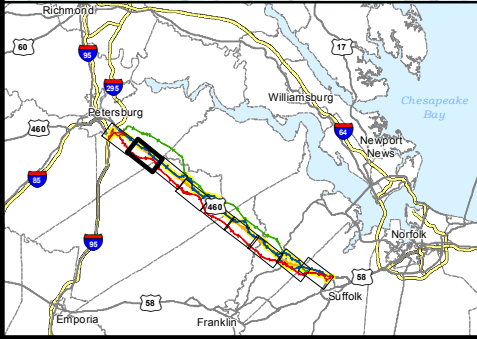
**Figure 3.4-16, Sheet 1 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
 US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)

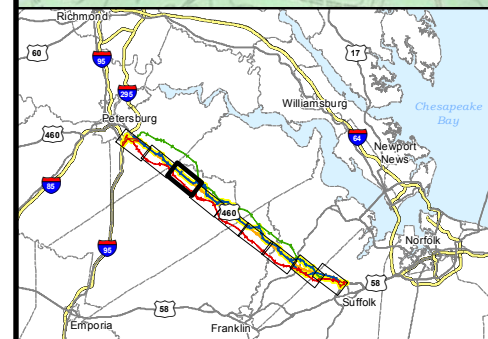
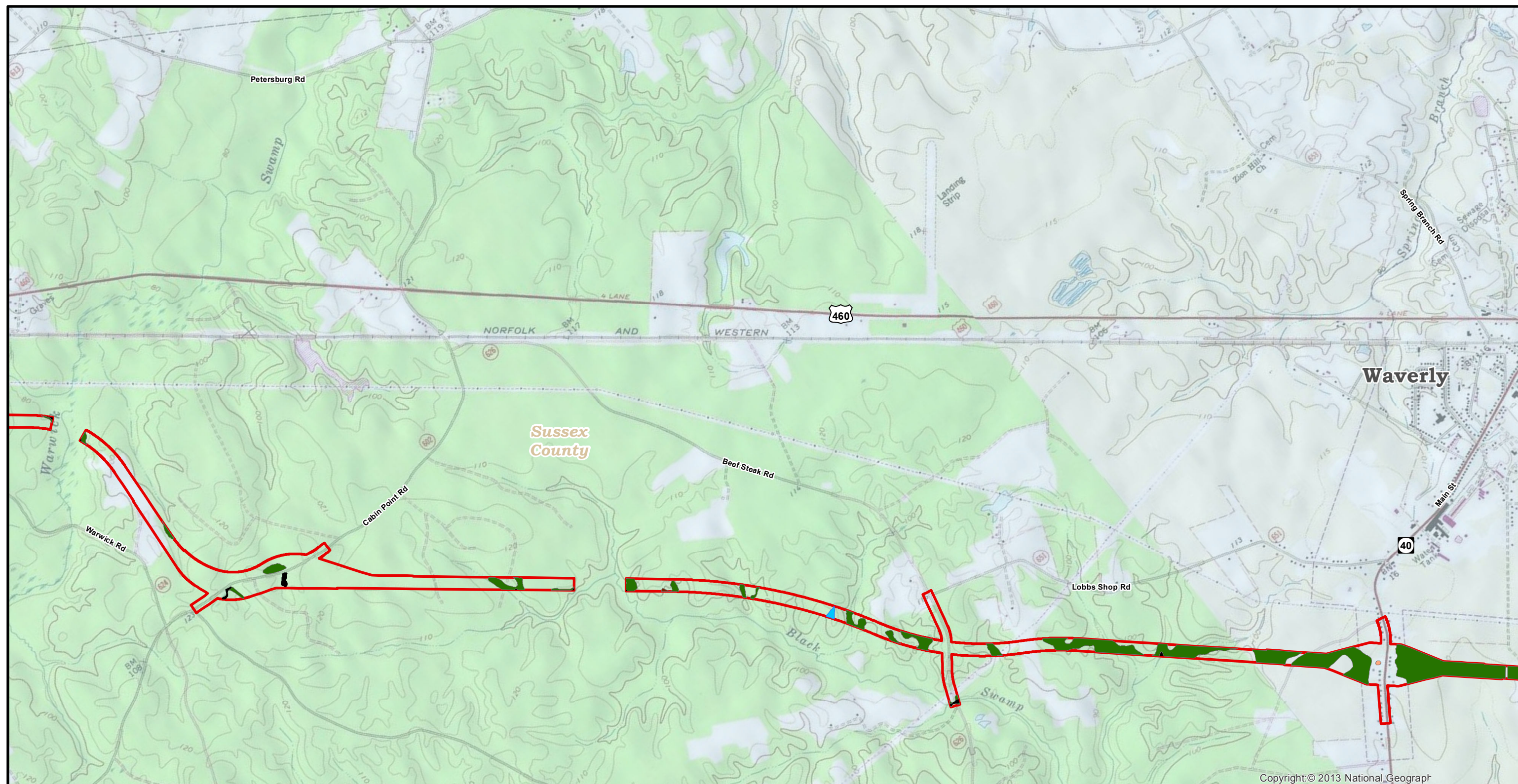




Copyright © 2013 National Geographic





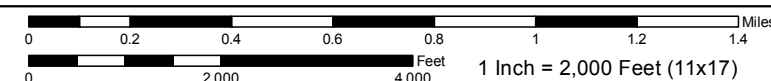


- Alternative 1 Design Corridor with Bridging
- Impacted Wetlands
- PEM (Palustrine Emergent)
- PSS (Palustrine Scrub/Shrub)
- PSS (Palustrine Scrub/Shrub), Semipermanently Inundated
- PFO (Palustrine Forested)
- PFO (Palustrine Forested), Semipermanently Inundated
- PUB (Palustrine Unconsolidated Bottom)



**VDOT** Virginia Department of Transportation  
 U.S. Route 460 Corridor Improvements Project  
 State Project No. 0460-969-703, P101; UPC: 100432

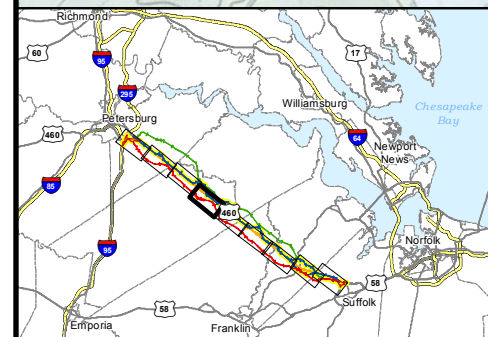
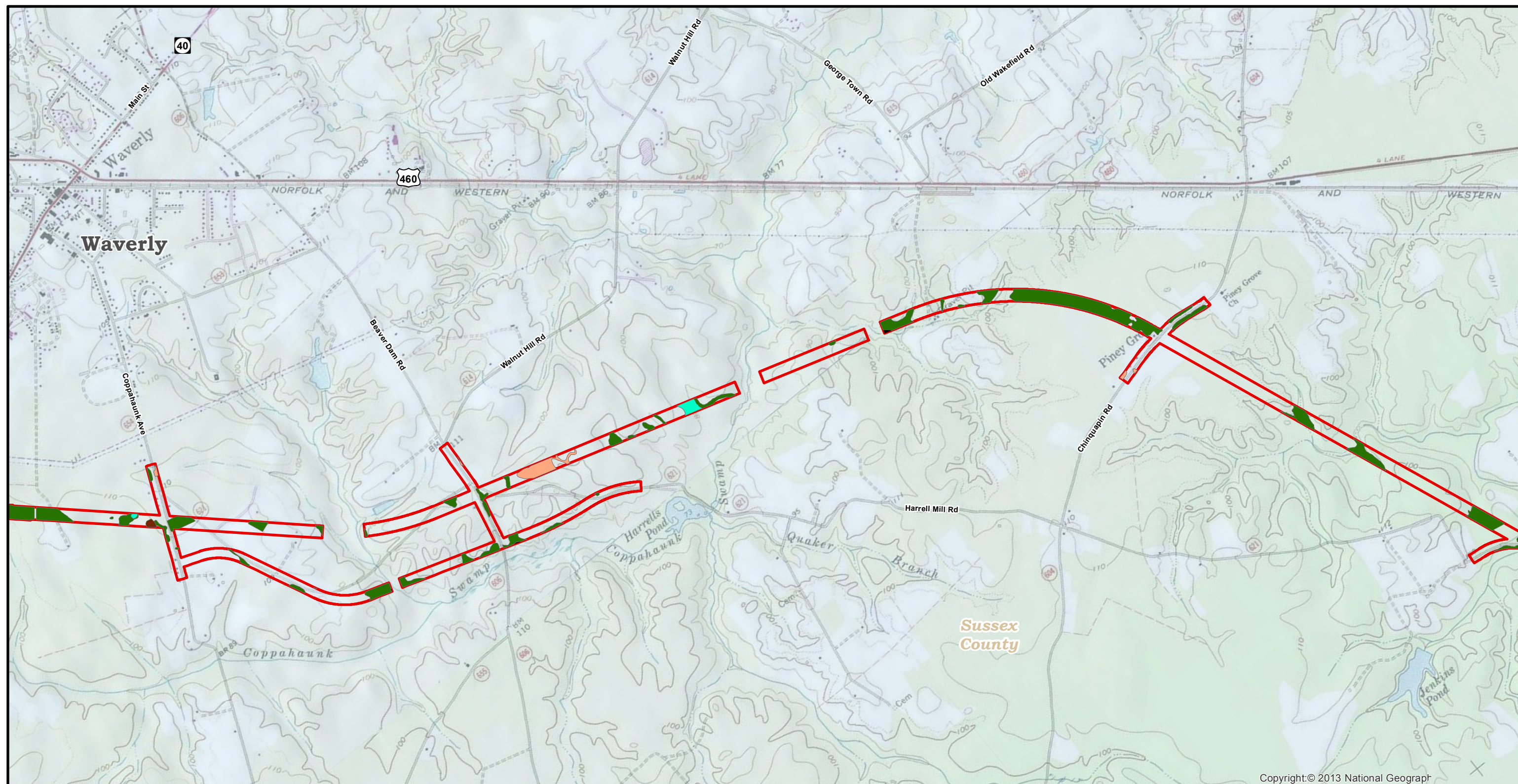
Prince George County, Sussex County, Surry County,  
 Southampton County, Isle of Wight County, and City of Suffolk, Virginia



**Figure 3.4-16, Sheet 3 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
 US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)



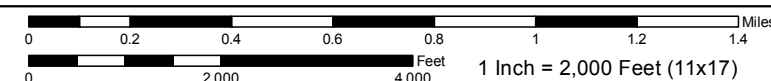


- Alternative 1 Design Corridor with Bridging Impacted Wetlands
- PEM (Palustrine Emergent)
- PSS (Palustrine Scrub/Shrub)
- PSS (Palustrine Scrub/Shrub), Semipermanently Inundated
- PFO (Palustrine Forested)
- PFO (Palustrine Forested), Semipermanently Inundated
- PUB (Palustrine Unconsolidated Bottom)



**VDOT** Virginia Department of Transportation  
U.S. Route 460 Corridor Improvements Project  
State Project No. 0460-969-703, P101; UPC: 100432

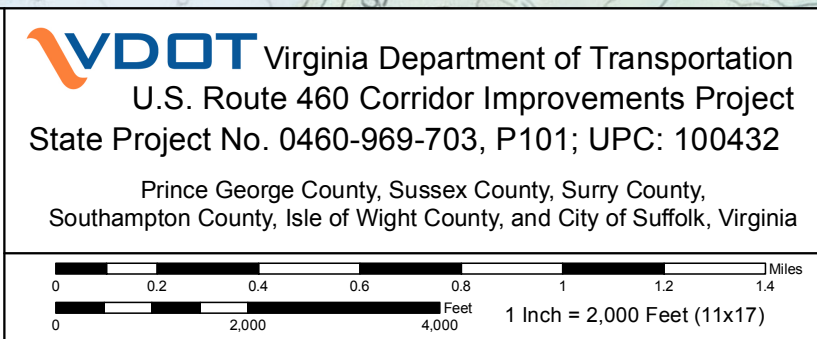
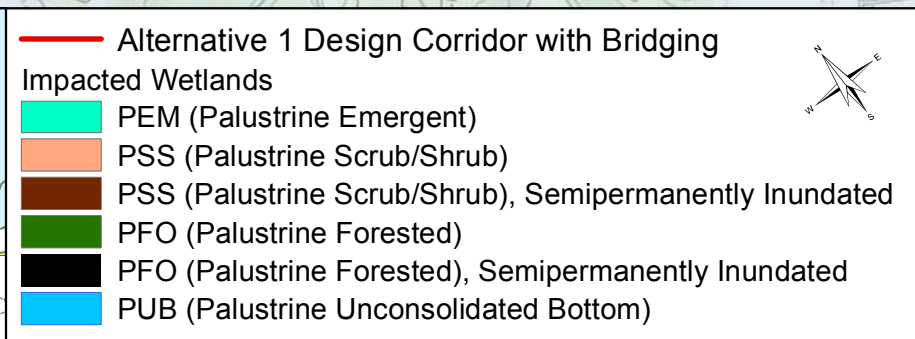
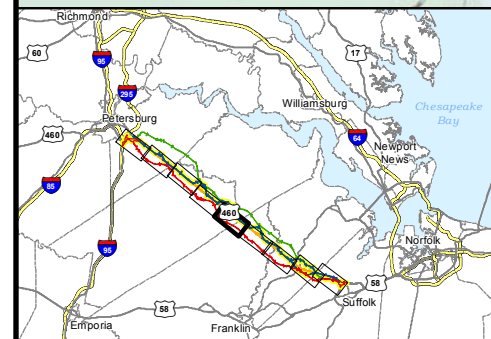
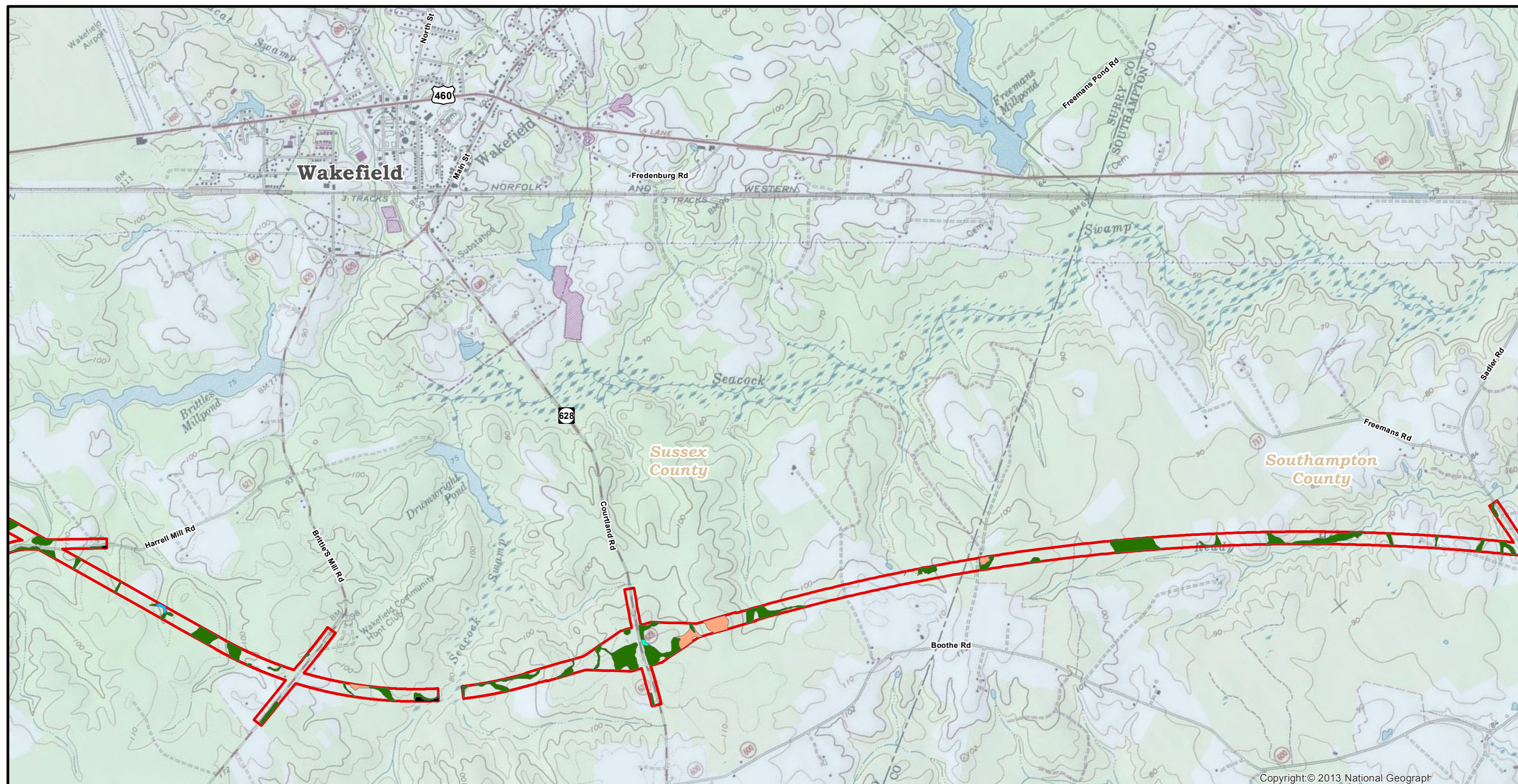
Prince George County, Sussex County, Surry County,  
Southampton County, Isle of Wight County, and City of Suffolk, Virginia



**Figure 3.4-16, Sheet 4 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
US 460 Location Study  
Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)

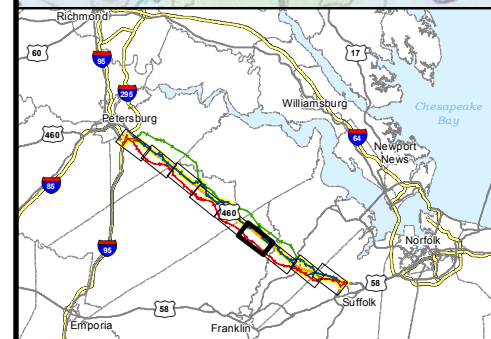
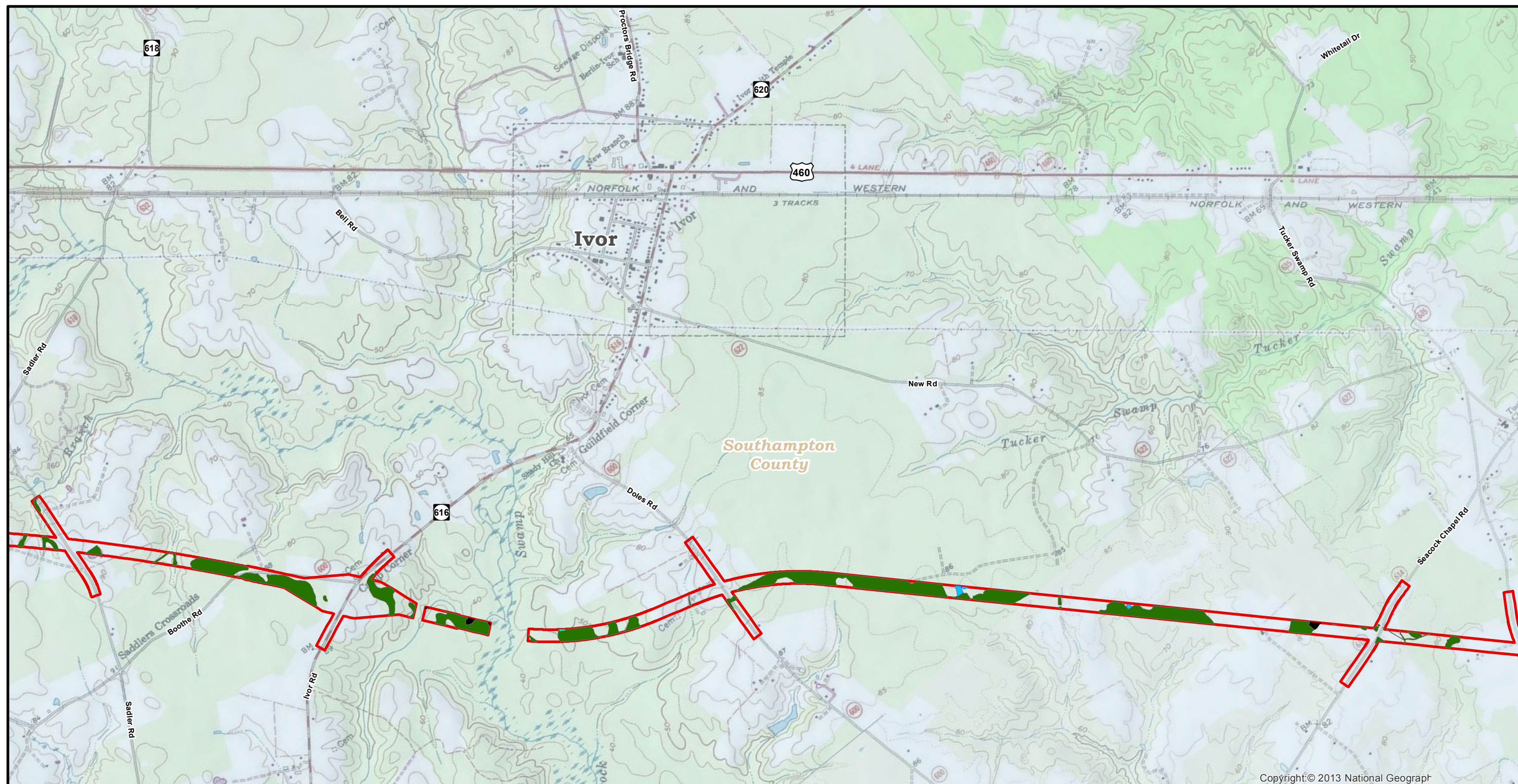




**Figure 3.4-16, Sheet 5 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
 US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)





- Alternative 1 Design Corridor with Bridging
- Impacted Wetlands
- PEM (Palustrine Emergent)
- PSS (Palustrine Scrub/Shrub)
- PSS (Palustrine Scrub/Shrub), Semipermanently Inundated
- PFO (Palustrine Forested)
- PFO (Palustrine Forested), Semipermanently Inundated
- PUB (Palustrine Unconsolidated Bottom)

**VDOT** Virginia Department of Transportation  
 U.S. Route 460 Corridor Improvements Project  
 State Project No. 0460-969-703, P101; UPC: 100432

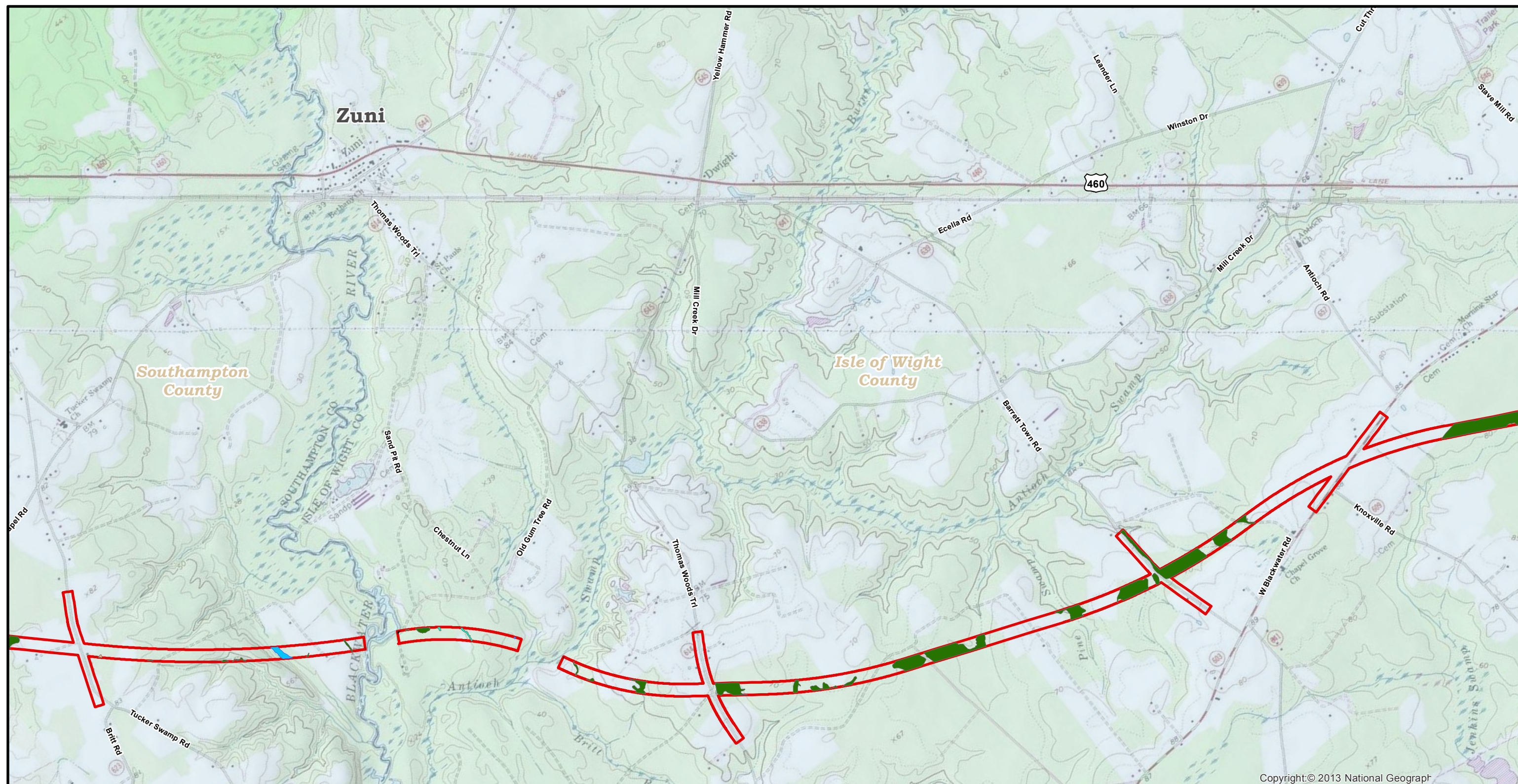
Prince George County, Sussex County, Surry County,  
 Southampton County, Isle of Wight County, and City of Suffolk, Virginia

0 0.2 0.4 0.6 0.8 1 1.2 1.4 Miles  
 0 2,000 4,000 Feet  
 1 Inch = 2,000 Feet (11x17)

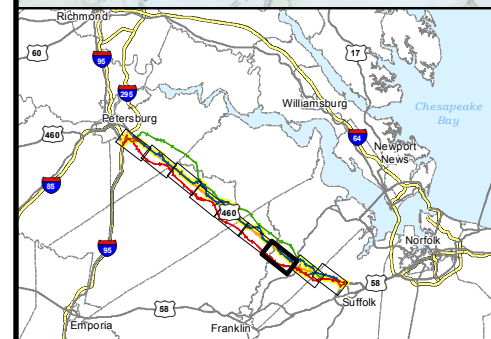
**Figure 3.4-16, Sheet 6 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
 US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)

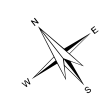




Copyright © 2013 National Geographic



- Alternative 1 Design Corridor with Bridging
- Impacted Wetlands
- PEM (Palustrine Emergent)
- PSS (Palustrine Scrub/Shrub)
- PSS (Palustrine Scrub/Shrub), Semipermanently Inundated
- PFO (Palustrine Forested)
- PFO (Palustrine Forested), Semipermanently Inundated
- PUB (Palustrine Unconsolidated Bottom)



**VDOT** Virginia Department of Transportation  
 U.S. Route 460 Corridor Improvements Project  
 State Project No. 0460-969-703, P101; UPC: 100432

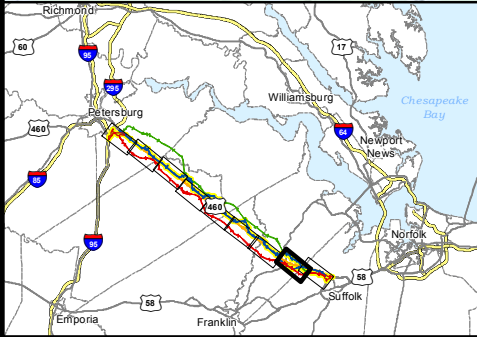
Prince George County, Sussex County, Surry County,  
 Southampton County, Isle of Wight County, and City of Suffolk, Virginia

0 0.2 0.4 0.6 0.8 1 1.2 1.4 Miles  
 0 2,000 4,000 Feet  
 1 Inch = 2,000 Feet (11x17)

**Figure 3.4-16, Sheet 7 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
 US 460 Location Study  
 Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)





Alternative 1 Design Corridor with Bridging

Impacted Wetlands

PEM (Palustrine Emergent)

PSS (Palustrine Scrub/Shrub)

PSS (Palustrine Scrub/Shrub), Semipermanently Inundated

PFO (Palustrine Forested)

PFO (Palustrine Forested), Semipermanently Inundated

PUB (Palustrine Unconsolidated Bottom)

Virginia Department of Transportation

U.S. Route 460 Corridor Improvements Project

State Project No. 0460-969-703, P101; UPC: 100432

Prince George County, Sussex County, Surry County,  
Southampton County, Isle of Wight County, and City of Suffolk, Virginia

00.20.40.60.811.21.4

Miles

020004000

Feet

1 Inch = 2,000 Feet (11x17)

Figure 3.4-16, Sheet 8 of 9:

Alternative 1

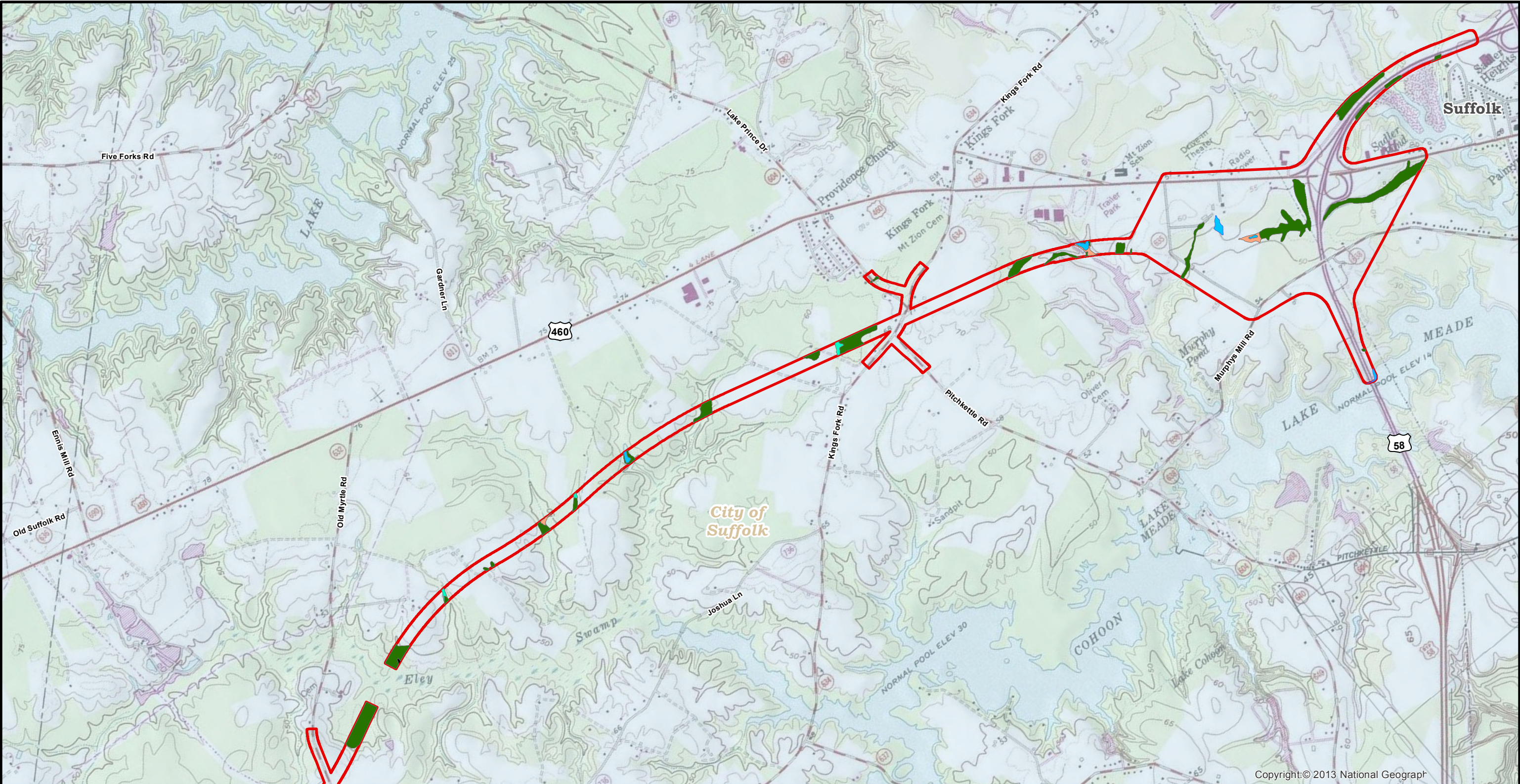
Wetland Impacts

US 460 Location Study

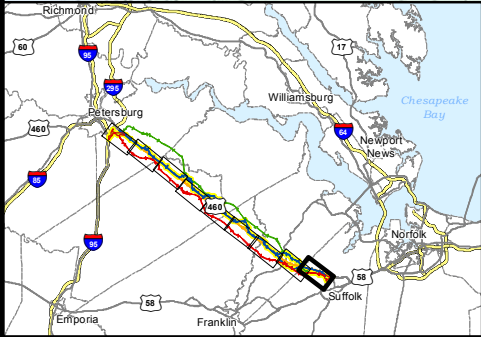
Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)





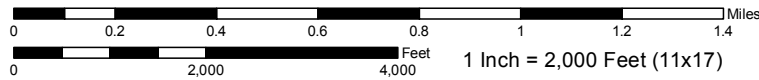
Copyright:© 2013 National Geographic



- Alternative 1 Design Corridor with Bridging
- Impacted Wetlands
- PEM (Palustrine Emergent)
  - PSS (Palustrine Scrub/Shrub)
  - PSS (Palustrine Scrub/Shrub), Semipermanently Inundated
  - PFO (Palustrine Forested)
  - PFO (Palustrine Forested), Semipermanently Inundated
  - PUB (Palustrine Unconsolidated Bottom)

**VDOT** Virginia Department of Transportation  
U.S. Route 460 Corridor Improvements Project  
State Project No. 0460-969-703, P101; UPC: 100432

Prince George County, Sussex County, Surry County,  
Southampton County, Isle of Wight County, and City of Suffolk, Virginia



**Figure 3.4-16, Sheet 9 of 9:**  
**Alternative 1**  
**Wetland Impacts**  
US 460 Location Study  
Supplemental Environmental Impact Statement

Source: VDOT; USGS Topo Maps (© 2013 National Geographic Society, i-cubed)